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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/768,892	01/24/2001	Stephen A. Sprigg	PA000408	4218

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QUALCOMM, INC
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EXAMINER

NGUYEN, TU X

ART UNIT PAPER NUMBER

2618

DATE MAILED: 05/04/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/768,892

Applicant(s)

SPRIGG, STEPHEN A.

Examiner

Tu X Nguyen

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 March 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-7,9,10 and 12 is/are pending in the application.
- 4a) Of the above claim(s) 2,8,11 and 13-15 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-7,9,10 and 12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. Applicant's arguments with respect to claims 1, 3-5, 7, 9-10, and 12, have been considered but are not persuasive.

In response to Applicant argument "Kahl et al. disclose a computerized calendar. The calendar displays an entire month of schedule information at once, and takes the format of a monthly calendar. Each day is shown as a box, and the information shown within the box can either include a busy bar mode, in which a bar comprising a line segment for each time corresponding to an associated event is shown, or a text mode, in which appointment information is presented in a text format. Each box may not include enough display area to show scheduling information for an entire day. Thus, if there is more scheduling information than can be displayed in the box, a scroll indicator is shown to provide the user with a visual cue of that additional information is available. As noted by the Office Action, Khal discloses a mechanism for automatically scrolling the list for a particular day. see column 4, lines 2-5 and Fig. 8, steps 86, 180, 182, 184, 186, and 188. The auto scroll method operates by getting the current time (step 182), comparing the current time with the time of the next event to be shown (184). If the current time is greater than the time of the next event, the list of events to be displayed is updated by removing the first event and adding the next event. Khal, however, fails to disclose showing the current time of day information displayed in a graphical and non-textual format by an positional indicator shown relative to said sequential list". However, the Examiner does not rely on Kahl et al. teaching display in textual format. Kahl et al. renders Tsukamoto et al. lack of scrolling in response to a change of time.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 1, 5, 7 and 12, are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter "non-textual format" which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1, 3-5, 7, 9-10 and 12, are rejected under 35 U.S.C. 103(a) as being unpatentable over Tsukamoto et al. (US Patent 5,128,981) in view of Kahl et al. (US Patent 5,936,625).

Regarding claims 1 and 7, Tsukamoto et al. disclose a mobile communication terminal (fig.5), comprising:

a storage (922, 923 fig.15) for storing a database of schedule data including data relating to time of day (see col.6 lines 40-52);

a display (119, fig.15) for displaying selected information from said database, the display communicatively coupled to the storage; and

a time reference for providing current time of day information, wherein the displayed selected information is variable dependent on the current time of day information (see col.6 lines 40-41, col.14 lines 35-40), and current time of day information is displayed in a graphical and non-textual format by an positional indicator shown relative to said sequential list (see fig.11).

Tsukamoto et al. fail to disclose scrolls in response to a change in current time of day.

Kahl et al. disclose scrolls in response to a change in current time of day (see col.4 lines 2-5). Therefore, It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Tsukamoto et al. with the above teaching of Kahl in order to display more events than there is space for display at one time.

Regarding claims 5 and 12, Tsukamoto et al. disclose a mobile communication terminal, comprising:

a memory storing a database of schedule data, each schedule data including a schedule time (see fig.11, col.17 lines 10-26);

a display (119, fig.2) communicatively connect to the memory and used for displaying a list of at least two of said schedule data and a current time of day indicator (see col.6 lines 40-41, col.14 lines 35-40);

a digital signal processing device providing current time of day information (see col.6 lines 40-41, col.14 lines 35-40).

Tsukamoto et al. fail to disclose at least two displayed schedule data coincident with said current time of day information.

Kahl et al. disclose at least two displayed schedule data coincident with said current time of day information (see col.4 lines 2-5). Therefore, It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Tsukamoto et al. with the above teaching of Kahl in order to display more events than there is space for display at one time.

The modified Tsukamoto et al. disclose wherein the time of day indicator is graphical and non-textual, and a position of the time of day indicator relative to said one of said at least two displayed schedule data is variable in accordance with the current time of day information and the duration of said item of said displayed schedule data (see Tsukamoto, fig. 11-12).

Regarding claims 3 and 9, the modified Tsukamoto et al. disclose the display is arranged to indicate which of the displayed selected information corresponds to the current time of day information (see Tsukamoto, fig.9).

Regarding claims 4 and 10, the modified Tsukamoto et al. disclose a user input device arranged to allow input of said schedule data (see Tsukamoto, fig.6).

Regarding claim 11, the modified Tsukamoto et al. disclose a programmable mobile terminal (see Tsukamoto, col.16 lines 55-56).

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

Art Unit: 2618


A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu Nguyen whose telephone number is 571-272-7883. The examiner can normally be reached on Monday through Friday from 6:30AM-2:30PM.

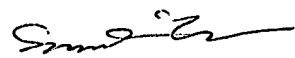
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Arlington, VA., Sixth Floor (Receptionist).



April 21, 2006



EDWARD F. URBAN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600